**K&F CONCEPT DQ201**

# K&F Concept DQ201 Solar Security Camera User Manual

Model: DQ201

## Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your K&F Concept DQ201 Solar Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety. This camera is designed for outdoor surveillance, featuring solar power, wireless connectivity, and advanced monitoring capabilities.




Image: The K&F Concept DQ201 Solar Security Camera, a wireless outdoor camera system with an integrated solar panel for continuous power.

## Package Contents

Verify that all components are present in the package:

- K&F Concept DQ201 Solar Security Camera
- Solar Panel
- Mounting Bracket
- USB Charging Cable
- Mounting Screws and Anchors
- User Manual

## Setup

Follow these steps to set up your K&F Concept DQ201 camera:

1. **Initial Charging:** Before installation, fully charge the camera's built-in battery using the provided USB cable. This ensures sufficient power for initial setup and operation, especially if solar charging is not immediately optimal.
2. **App Download and Account Creation:** Download the designated mobile application (e.g., 'CloudEdge' or similar, as indicated in the quick start guide) from your device's app store. Create an account and log in.
3. **Camera Pairing:** Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or connecting to a temporary Wi-Fi hotspot created by the camera. Ensure your smartphone is connected to a 2.4GHz Wi-Fi network during this process, as the camera supports 2.4G Wi-Fi transmission.
4. **Mounting Location Selection:** Choose an outdoor location with clear line of sight to the area you wish to monitor and sufficient sunlight exposure for the solar panel. The camera is 100% wireless, offering flexibility in placement.
5. **Installation:** Securely mount the camera and solar panel using the provided screws and anchors. Ensure the solar panel is positioned to receive maximum direct sunlight throughout the day. Connect the solar panel cable to the camera.




Image: The K&F Concept DQ201 camera and its solar panel installed on an exterior wall, demonstrating its wireless outdoor setup.

## Operating Instructions

Maximize the functionality of your security camera with these operational guidelines:

### Camera Control and Viewing

- **Live View:** Access the live video feed through the mobile application at any time.
- **Pan-Tilt-Zoom (PTZ):** Use the app to remotely control the camera's movement. The camera supports 355° horizontal rotation and 90° vertical tilt, providing a full 360° field of view.




Image: A smartphone screen displaying the camera's live feed with on-screen controls for pan, tilt, and zoom functions, illustrating the 355° horizontal and 120° vertical (note: product spec says 90°) movement capabilities.

### Motion Detection and Alerts

- **PIR Motion Detection:** The camera features passive infrared (PIR) motion detection to identify human movement, reducing false alarms. Sensitivity levels (1-10) and alert triggers are customizable within the app.
- **Instant Alerts:** Receive immediate notifications on your smartphone when motion is detected.

- **Audio-Light Alarm:** Configure the camera to activate a 92dB audio alarm and 90lm bright spotlight upon motion detection, serving as a deterrent.




Image: The camera's audio-light alarm system activating upon detecting a person, with a smartphone displaying an alert notification.

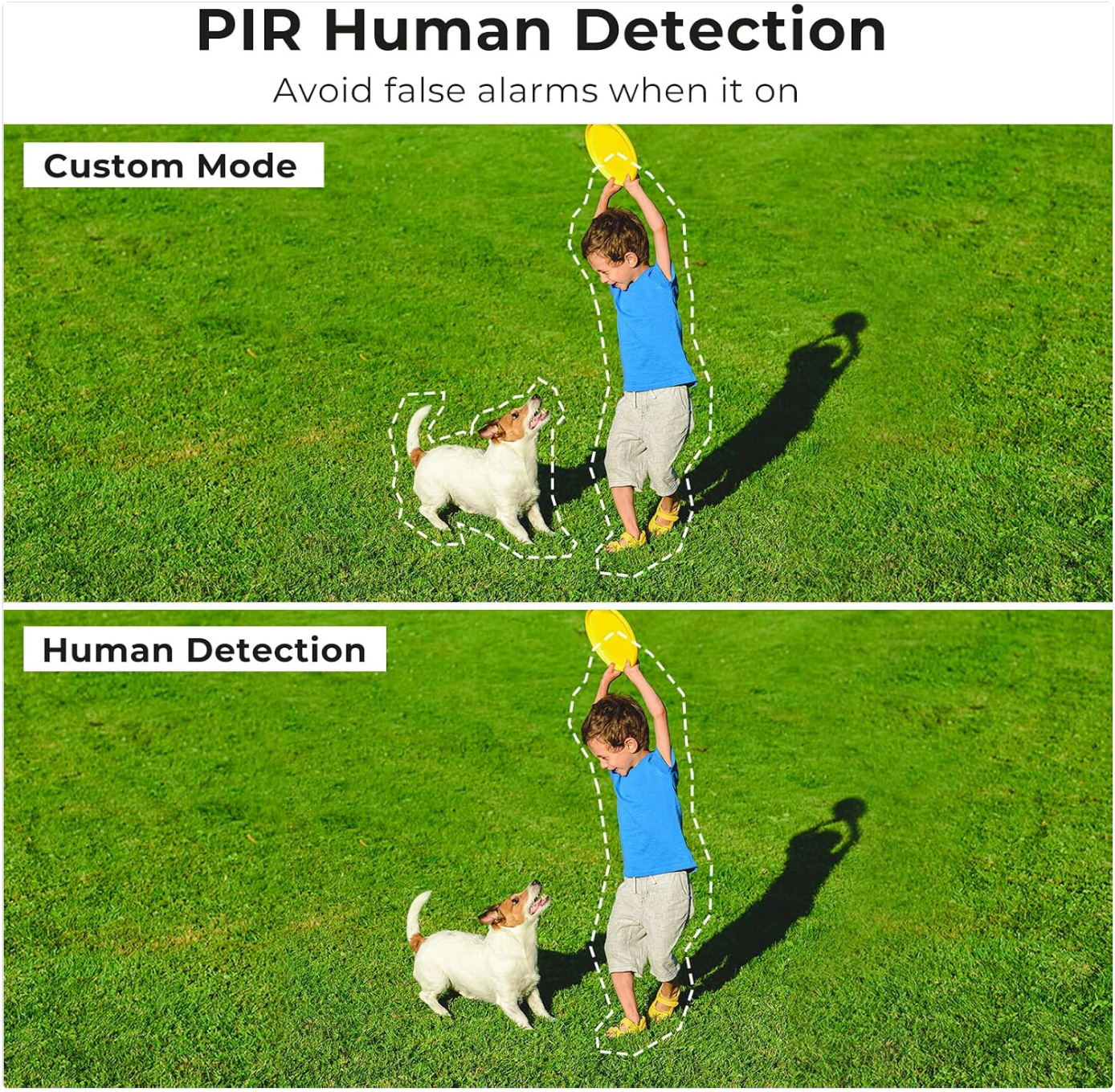



Image: Comparison showing the effectiveness of PIR Human Detection in avoiding false alarms by distinguishing between humans and other moving objects like pets.

## Video Quality and Night Vision

- **1080P HD Video:** The camera records and streams video in 1080P high definition.
- **Color Night Vision:** Equipped with built-in spotlights, the camera provides full-color night vision. An infrared night vision mode is also available, with a visible range of up to 33 feet.

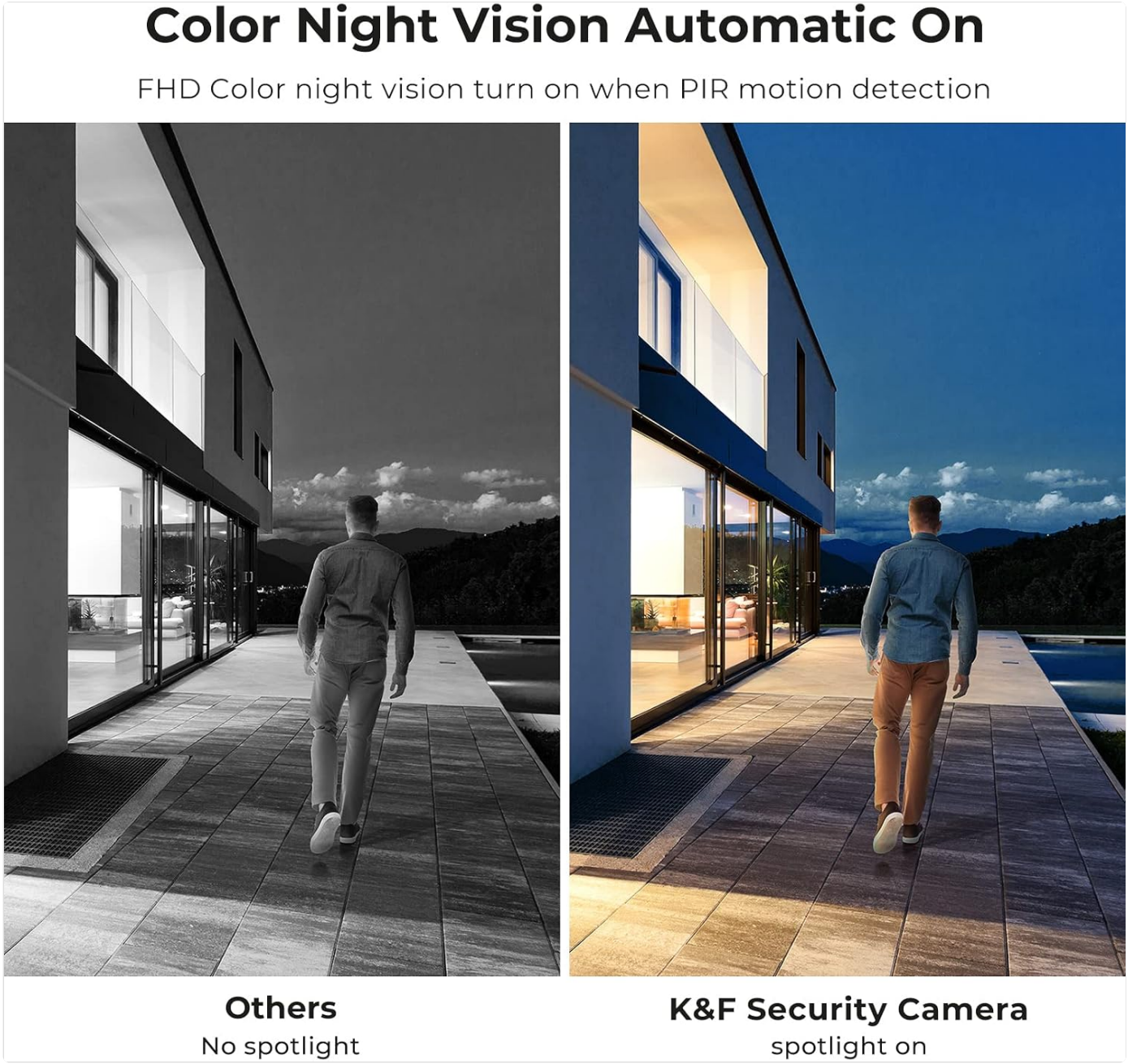



Image: A side-by-side comparison demonstrating the clarity of color night vision provided by the K&F Security Camera's spotlight, versus standard night vision without a spotlight.

## Storage and Sharing

- **Local Storage:** Insert a Micro SD card (up to 128GB, not included) for local video recording.
- **Cloud Storage:** Optional cloud storage services are available, often including a free trial period.
- **Two-Way Audio:** Utilize the integrated microphone and speaker for two-way communication through the camera.
- **Multi-User Sharing:** Share camera access and footage with up to 6 authorized users via the mobile application.




Image: An illustration showing how the camera's feed can be shared and viewed by up to six different users on their respective mobile devices.

## Maintenance

Proper maintenance ensures the longevity and optimal performance of your camera:

- **Solar Panel Cleaning:** Regularly clean the solar panel surface to remove dust, dirt, or debris that may obstruct sunlight and reduce charging efficiency.
- **Battery Monitoring:** The app provides battery status. While solar-powered, prolonged periods of low sunlight may require occasional USB charging.
- **Weather Resistance:** The camera is rated IP66 waterproof, making it resistant to dust and strong jets of water. It is designed to operate in temperatures ranging from -4°F to 140°F. However, extreme weather conditions may still impact performance.
- **Firmware Updates:** Check the mobile application periodically for available firmware updates to ensure your camera has the latest features and security enhancements.




Image: The K&F Concept DQ201 camera shown operating reliably in rainy conditions, highlighting its IP66 waterproof, anti-snow, dust-proof, and sun-proof features.

## Troubleshooting

If you encounter issues with your camera, refer to the following common solutions:

- **Camera Not Connecting to Wi-Fi:**
  - Ensure your Wi-Fi network is 2.4GHz. The camera does not support 5GHz Wi-Fi.
  - Verify the Wi-Fi signal strength at the camera's location. Move the camera closer to the router if necessary.
  - Restart your Wi-Fi router and the camera.
  - Re-pair the camera through the app, ensuring correct Wi-Fi password entry.
- **Battery Not Charging:**
  - Ensure the solar panel is clean and receiving direct sunlight for several hours daily.

- Check the connection between the solar panel and the camera.
- If solar charging is insufficient, charge the camera directly via USB.

- **False Motion Alerts:**
  - Adjust the PIR motion detection sensitivity settings in the app to a lower level.
  - Utilize the human detection feature if available in your app settings.
  - Ensure the camera is not pointed at areas with constant movement (e.g., busy roads, swaying trees) if not intended for monitoring.
- **Poor Video Quality:**
  - Check your Wi-Fi connection speed and stability.
  - Clean the camera lens.
  - Ensure adequate lighting for optimal night vision performance.

## Specifications

| Feature | Specification |
|---|---|
| Model Number | DQ201 |
| Video Capture Resolution | 1080p |
| Effective Still Resolution | 3 MP |
| Power Source | Solar Powered |
| Connectivity Technology | Wireless (2.4G Wi-Fi) |
| Field Of View | 360 Degrees (355° Horizontal, 90° Vertical) |
| Night Vision Range | 33 Feet |
| Low Light Technology | Color Night Vision |
| International Protection Rating | IP66 (Waterproof) |
| Operating Temperature | -4°F to 140°F |
| Storage Options | Micro SD Card (up to 128GB), Cloud Storage |
| Audio | 2-Way Audio |
| Batteries | 3 Lithium Polymer batteries (included) |
| Item Dimensions L x W x H | 4.92 x 4.61 x 3.39 inches |
| Item Weight | 2.62 pounds |

## Warranty and Support

K&F Concept is committed to providing high-quality products and customer satisfaction. For specific warranty details, please refer to the warranty card included with your product or visit the official K&F Concept website. For technical support, troubleshooting assistance, or any product-related inquiries, please contact K&F Concept customer service

through the contact information provided in your product packaging or on their official website.
Always ensure you are using the latest version of the mobile application and camera firmware for optimal performance and access to the newest features.

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## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Anonymous

**Email**

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question